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*Mark B. Quatt*

Mark B. Quatt, Registration No. 30,484

*3-11-04*

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Barmore et al.

Serial No.: 10/719,625

Filing Date: November 21, 2003

Title: OXYGEN DETECTION SYSTEM FOR A RIGID CONTAINER

Atty. Docket No: D-43664-01

Group Art Unit: To be assigned

Examiner: To be assigned

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56 and in accordance with 37 CFR §1.97 et. seq., applicants, through and by their attorney, hereby direct the Examiner's attention to the documents enclosed.

A Form PTO/SB/08A, Information Disclosure Statement by Applicant, listing the cited references is attached. A copy of each non-patent literature document or foreign patent document is enclosed.

Concise Explanation of Relevance

Some of the attached references are in the Japanese language, and in those instances are accompanied by an English language abstract of each respective reference. These English language abstracts are offered as a concise explanation of the relevance of the respective document, in conformance with 37 C.F.R. §1.98(a)(3)(i).

This IDS is being submitted under 37 C.F.R. §1.97 (b)(3), and therefore no fee is required. However, if any fees are deemed due, please charge same to Deposit Account No. 07-1765.

Respectfully submitted,

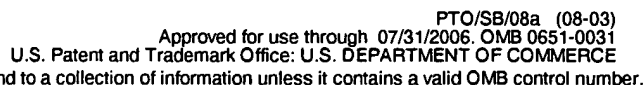
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Substitute for form 1449A/PTO

*(use as many sheets as necessary)*

Sheet

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of

3

**Complete if Known**

Application Number

10/719625

Filing Date

November 21, 2003

First Named Inventor

**Charles R. Barmore**

Art Unit

Not yet assigned

Examiner Name

Not yet assigned

Attorney Docket Number

D-43664-01

## U.S. PATENT DOCUMENTS

[illegible]

Examiner  
Signature

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds and Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>													
Sheet		2	of	3	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/719625</td> </tr> <tr> <td>Filing Date</td> <td>November 21, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Charles R. Barmore</td> </tr> <tr> <td>Art Unit</td> <td>Not yet assigned</td> </tr> <tr> <td>Examiner Name</td> <td>Not yet assigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>D-43664-01</td> </tr> </table>	Application Number	10/719625	Filing Date	November 21, 2003	First Named Inventor	Charles R. Barmore	Art Unit	Not yet assigned	Examiner Name	Not yet assigned	Attorney Docket Number	D-43664-01
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U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> <i>(if known)</i>			
	21.	US- 5,483,819		01/16/1996	Barmore et al.	
	22.	US- 5,529,833		06/25/1996	Speer et al.	
	23.	US- 5,583,047		12/10/1996	Blinka et al.	
	24.	US- 5,904,960		05/18/1999	Becraft et al.	
	25.	US- 5,911,910		06/15/1999	Becraft et al.	
	26.	US- 5,993,922		11/30/1999	Babrowicz et al.	
	27.	US- 6,233,907	B1	05/22/2001	Cook, Jr. et al.	
	28.	US- 6,287,481		09/11/2001	Luthra et al.	
	29.	US- 6,297,508	B1	10/02/2001	Barmore et al.	
	30.	US- 5,863,460		01/26/1999	Slovacek et al.	
	31.	US- 6,015,715		01/18/2000	Kirschner et al.	
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FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind <sup>5</sup> <i>(if known)</i>				

Examiner Signature	Date Considered
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Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
		Application Number	10/719625		
		Filing Date	November 21, 2003		
		First Named Inventor	Charles R. Barmore		
		Art Unit	Not yet assigned		
		Examiner Name	Not yet assigned		
		Attorney Docket Number	D-43664-01		
Sheet	3	of	3		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1.	"A Novel Solid-State Oxygen Sensor", <u>Johns Hopkins APL Technical Digest</u> , Volume 17, Number 4 (1996), Pages 377-385.	
	2.	"Effects of Polymer Matrices on the Time-Resolved Luminescence of a Ruthenium Complex Quenched by Oxygen", <u>Journal of Physical Chemistry</u> , 1995, 99, Pages 3162-3167.	
	3.	"Photophysics and Photochemistry of Oxygen Sensors Based on Luminescent Transition-Metal Complexes", <u>Analytical Chemistry</u> 1991, Volume 63, Pages 337-342.	
	4.	"Determination of Oxygen Concentrations by Luminescence Quenching of a Polymer-Immobilized Transition-Metal Complex", <u>Analytical Chemistry</u> , 1987, Volume 59, Pages 2780-2785.	
	5.	"Monitoring - Non-invasive method for determining oxygen in food packaging", <u>Food, Cosmetics and Drug Packaging</u> , June 2000, 2 pages	
	6.	English abstract of JP 2003307513A dated 10/31/2003 entitled "Oxygen indicator for packaging bag, includes ink applied to base, and sealant layer provided on the base through adhesive agent, such that adhesive agent is not formed on ink portion of base", Toppan Printing Co. Ltd.	
	7.	Plastics Applications/PET Bottles with Oxygen Scavenger, <u>Plastics Engineering</u> , August 2003, page 16.	

Examiner Signature		Date Considered	
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